934-004US01

SHUMAKER & SIEFFERT, P.A.

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

Strbelown Mined inventor I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and that I believe I am an original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: PASSIVE OPTICAL NETWORK ADDRESS ASSOCIATION RECOVERY

iled application) described and cl	aimed in international no. file	if applicable) or ed and as amended on (if any),
	he above-identified specification	, including the claims, as amended by
	the patentability of this applicat	ion in accordance with Title 37, Code of
also identified below any foreign sof which priority is claimed:		
APPLICATION(S), IF ANY, CI	AIMING PRIORITY UNDER	35 USC § 119
APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
APPLICATION(S), IF ANY, FII	LED BEFORE THE PRIORITY	APPLICATION(S)
APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
	illed application) described and claich I solicit a United States pater of and understand the contents of the information which is material to hed hereto). In the information which is material to he hereto). In the information which is material to he hereto). In the information which is material to he hereto). In the information which is material to he hereto). In the information which is material to he hereto).	illed application) described and claimed in international no. filed inch I solicit a United States patent. d and understand the contents of the above-identified specification in the information which is material to the patentability of this applicate hed hereto). mefits under Title 35, United States Code, § 119/365 of any foreign also identified below any foreign application for patent or inventors of which priority is claimed: meen filed. medital filed as follows: APPLICATION(S), IF ANY, CLAIMING PRIORITY UNDER 3 APPLICATION NUMBER DATE OF FILING (day, month, year) APPLICATION NUMBER DATE OF FILING APPLICATION NUMBER DATE OF FILING

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U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS
60/421,206	24 October 2002	



Steven J. Shumaker Reg. No. 36,275 Daniel J. Hanson Reg. No. 46,757

Kent J. Sieffert Reg. No. 41,312 Kelly P. Fitzgerald Reg. No. 46,326

Jason D. Kelly Reg. No. 54,213 Kari H. Bartingale Reg. No. 35,183

Richard J. Gregson Reg. No. 41,804

as my/our attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Shumaker & Sieffert, P.A. to the contrary.

Please direct all correspondence in this case to:

SHUMAKER & SIEFFERT, P.A. 8425 Seasons Parkway, Suite 105 St. Paul, Minnesota 55125

Telephone: 651.735.1100 Facsimile: 651.735.1102

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name Of Inventor	Family Name Koch	First Given Name Christopher	Second Given Name D.
Residence & Citizenship	City Minneapolis	State or Foreign Country Minnesota	Country of Citizenship USA
Post Office Address	Post Office Address 5215 Abbott Avenue South	City Minneapolis	State & Zip Code/Country Minnesota 55410/USA
Signature of Inventor	Murch D. The	Date:	-18-04

Full Name	Family Name	First Given Name Duane	Second Given Name
Of Inventor	Butler		M.
Residence	City	State or Foreign Country	Country of Citizenship
& Citizenship	Anoka	Minnesota	USA
Post Office	Post Office Address	City	State & Zip Code/Country
Address	1417 Cleveland Street	Anoka	Minnesota 55303/USA
nature of Inventor	Γ:		Pate:

.Full Name Of Inventor	Family Name Knight	First Given Name Steven		Second Given Name G.
Residence & Citizenship	City	State or Foreign Country Minnesota	ry	Country of Citizenship USA
Post Office Address	Post Office Address 1013 Sibley Memorial Highway, Apt. 215	City Lilydale		State & Zip Code/Country Minnesota 55118/USA
Signature of Inventor	:		Date:	

	Full Name Of Inventor	Family Name Naegele	First Given Name Bruce	Second Given Name F.
	Residence & Citizenship	City Coon Rapids	State or Foreign Country Minnesota	Country of Citizenship USA
	Post Office Address	Post Office Address 1740 131 st Lane Northwest	City Coon Rapids	State & Zip Code/Country Minnesota 55448/USA
Signa	ture of Inventor	Bruce F. Naegele	Date:	117/2004

§ 1.56 Duty to disclose information material to patentability.

or

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
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 - (ii) Asserting an argument of patentability.

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- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

Attorney Docker of 1934-004US01

SHUMAKER & SIEFFERT, P.A.

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a better named inventor I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and that I believe I am an original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: PASSIVE OPTICAL NETWORK ADDRESS ASSOCIATION RECOVERY

c. 🔲 was (in the case of a Po	2, 2003 as application serial no. 10/6 CT-filed application) described and c or which I solicit a United States pater	laimed in international no.	(if applicable) or filed and as amended on (if an
I hereby state that I have revience any amendment referred to ab		the above-identified specifica	tion, including the claims, as amended b
I acknowledge the duty to dis Federal Regulations, § 1.56 (a	·	o the patentability of this app	lication in accordance with Title 37, Cod
certificate listed below and ha	ave also identified below any foreign basis of which priority is claimed: ave been filed.		reign application(s) for patent or inventon ntor's certificate having a filing date bef
FORE	IGN APPLICATION(S), IF ANY, C	LAIMING PRIORITY UND	ER 35 USC 8 119
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
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28863

PATENT TRADEMARK OFFICE

Steven J. Shumaker Reg. No. 36,275 Daniel J. Hanson Reg. No. 46,757

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Jason D. Kelly Reg. No. 54,213 Kari H. Bartingale Reg. No. 35,183

Richard J. Gregson Reg. No. 41,804

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St. Paul, Minnesota 55125 Telephone: 651.735.1100 Facsimile: 651.735.1102

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Full Name	Family Name	First Given Name	Second Given Name
Of Inventor	Koch	Christopher	D.
Residence	City	State or Foreign Country	Country of Citizenship
& Citizenship	Minneapolis	Minnesota	USA
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signature of Inventor	:	Da	ate:

Full Name	,	First Given Name	Second Given Name
Of Invento		Duane	M.
Residence	•	State or Foreign Country	Country of Citizenship
& Citizens		Minnesota	USA
Post Office	Post Office Address 1417 Cleveland Street	City	State & Zip Code/Country
Address		Anoka	Minnesota 55303/USA
Signature of Inve	ntor:	Date	e: 3-22-04

	Full Name Of Inventor	Family Name Knight	First Given Name Steven		Second Given Name G.
	Residence & Citizenship	City Lilydale	State or Foreign Count Minnesota	ry	Country of Citizenship USA
	Post Office Address	Post Office Address 1013 Sibley Memorial Highway, Apt. 215	City Lilydale		State & Zip Code/Country Minnesota 55118/USA
Signa	ature of Inventor			Date:	

	Full Name Of Inventor	Family Name Naegele	First Given Name Bruce	Second Given Name F.
	Residence	City	State or Foreign Country	Country of Citizenship
	& Citizenship	Coon Rapids	Minnesota	USA
	Post Office	Post Office Address	City	State & Zip Code/Country
	Address	1740 131 st Lane Northwest	Coon Rapids	Minnesota 55448/USA
Sigr	nature of Inventor	:	D	ate:

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Attorney Docket No. 103#-004 S01

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The specification of which			
á. 🗌 is attached hereto			
b. was filed on October 22, 20			f applicable) or
ç. was (in the case of a PCT-f	= = :		d and as amended on (if any),
which I have reviewed and for wh	nich I solicit a United States paten	nt.	
I hereby state that I have reviewed any amendment referred to above		the above-identified specification,	including the claims, as amended by
I acknowledge the duty to disclos Federal Regulations, § 1.56 (attac		o the patentability of this applicati	on in accordance with Title 37, Code of
	also identified below any foreign		application(s) for patent or inventor's s certificate having a filing date before
 a. ⊠ no such applications have b b. □ such applications have been 			
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	Full Name Of Inventor	Family Name Koch	First Given Name Christopher		Second Given Name D.
	Residence & Citizenship	City Minneapolis	State or Foreign Country Minnesota	гу	Country of Citizenship USA
LU — I li	Post Office Address	Post Office Address 5215 Abbott Avenue South	City Minneapolis		State & Zip Code/Country Minnesota 55410/USA
Signature of Inventor:			Date:		

Full Name	Family Name	First Given Name	Second Given Name
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Address	1417 Cleveland Street	Anoka	Minnesota 55303/USA
ignature of Inventor	nature of Inventor:		te:

	'Full Name Of Inventor				Second Given Name G.	
	Residence & Citizenship	City	State or Foreign Country Minnesota City Lilydale		Country of Citizenship USA	
	Post Office Address	Post Office Address 1013 Sibley Memorial Highway, Apt. 215			State & Zip Code/Country Minnesota 55118/USA	
Sign				Date: /5 A	APRIL 2004	
						
•	Full Name Of Inventor	Family Name Naegele	First Given Name Bruce		Second Given Name F.	
•	Residence & Citizenship	City Coon Rapids	State or Foreign Country Minnesota		Country of Citizenship USA	
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